

AMENDMENT TO THE CLAIMS

The following is a detailed listing of all claims that are, or were, in the Application.

1-14. (Canceled)

15. (Currently amended) A method for ~~incorporating~~ processing user history data, the method comprising:

recording a user action item corresponding to consumption pattern of multimedia content having a content reference identifier; and

assigning a program identifier and a user action type to the user action item, the program identifier including the content reference identifier for accessing a identifying the corresponding multimedia content-or-metadata-of-a-corresponding-multimedia-content; and specifying whether information in the user action item is protected.

16. (Currently amended) The method for ~~incorporating~~ processing user history data as claimed in claim 15, wherein the content reference identifier is uses-an independent ID regardless of a storage position location of the corresponding multimedia content, so that it enable an unlimited access to the content or related metadata of the content.

17. (Currently amended) The method for ~~incorporating~~ processing user history data as claimed in claim 16, wherein the content reference identifier is a digital object ID (DOI), a content reference ID (CRID) of a Content ID Forum (CIDF), or an UMID of SMPTE.

18. (Currently amended) The method for ~~incorporating~~ processing user history data as claimed in claim 15, wherein the user action type represents consumption pattern of the multimedia content includes a consumption type data-representing indicating how the user consumed the multimedia content.

19. (Currently amended) The method for ~~incorporating~~ processing user history data as claimed in claim 18, wherein the consumption type ~~[[is]]~~ indicates a selection from an action type group including at least one of a simple view for one time consumption of the corresponding multimedia content ~~[[,]]~~ and recording of the corresponding multimedia content, backup of the content, and transfer of the content through a network.

20. (Currently amended) The method for ~~incorporating~~ processing user history data as claimed in claim 15, wherein the user action type represents consumption pattern of the multimedia content ~~includes a consumption behavior data representing what behavior the user consumed~~ for the corresponding multimedia content.

21. (Currently amended) The method for ~~incorporating~~ processing user history data as claimed in claim 20, wherein the consumption behavior ~~[[is]]~~ indicates a selection from an action type group including at least one operations of a normal finish, skimming, normal play, skipping, replay, and slow play, or stop.

22. (Currently amended) A method for ~~incorporating~~ processing user history data, the method comprising:

recording a user action item having user action type representing a type of action related to consumption of multimedia content ~~consumption type data representing how a user consumed a multimedia content or consumption behavior data representing what behavior the user consumed the multimedia content; and~~

assigning an automatic update protection information with respect to the recorded user action item, the protection information specifying whether information in the user action item is protected ~~consumption type data and consumption behavior data.~~

23. (Currently amended) The method for ~~incorporating~~ processing user history data according to claim 22, wherein the user action item ~~consumption type data~~ includes a program identifier for representing the corresponding related multimedia content, and the

user action type indicates a selection from an action type group including at least one of a simple view data, and recording data, backup data, or transfer data, and control data for an access to the recorded data.

24. (Currently amended) The method for ~~incorporating~~ processing user history data according to claim 22, wherein the user action item ~~consumption behavior data~~ includes a program identifier for representing the ~~corresponding~~ related multimedia content, and the user action type indicates a selection from an action type group including operations of at least one of a normal finish data, skimmed data, normal play, skipped data, replay data, and slow play data, or stopped data, and control data for an access to the recorded data.

25-29. (Canceled)

30. (New) The method of claim 15, further comprising:
storing the user action item in a user action history.

31. (New) The method of claim 30, wherein storing the user action item in the user action history includes storing the user action item in a portable medium.

32. (New) The method of claim 30, wherein specifying whether information in the user action item is protected includes specifying whether all information in the user action history is protected.

33. (New) The method of claim 30, wherein the user action history includes a hierarchical data structure.